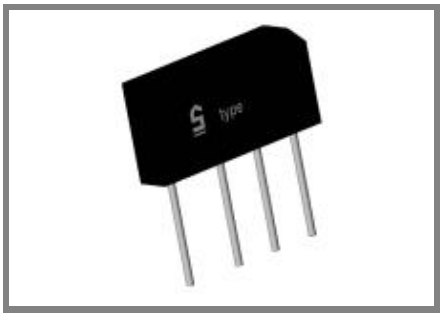
查询B125C5000-3300供应商

B ...C5000-3300



Inline bridge

Type	Alternating Input voltage V_{VRMS} V	Repetitive peak reverse voltage V_{RRM} V	Max. admissable load capacitor C_L µF	Min. required protective resistor R_t Ω
B40 C5000-3300	40	80	10000	0,5
B80 C5000-3300	80	160	5000	1
B125 C5000-3300	125	250	2500	2
B250 C5000-3300	250	600	1500	4
B380 C5000-3300	380	800	1000	5
B500 C5000-3300	500	1000	800	6,5

Silicon-Bridge Rectifiers

B ...C5000-3300

Forward Current: 5 / 3,3 A

Reverse Voltage: 80 to 1000 V

Publish Data

Features

- max. solder temperature 260°C, max. 5s
- UL recognized, file no. E63532
- Standard packaging: bulk

Mechanical Data

- Plastic case 32 * 5,6 * 17 [mm]
- Weight approx. 7g
- Terminals: plated terminals solderable per IEC 68-2-20
- Mounting position : any
- Marking : Type number

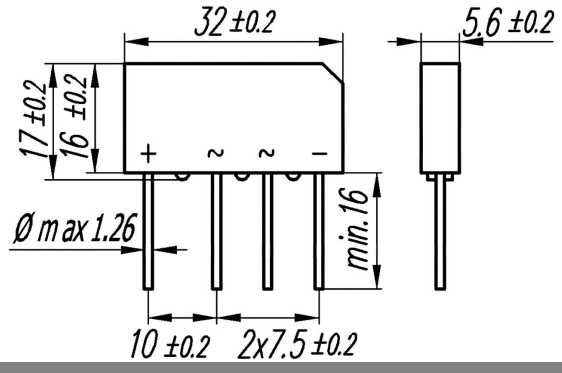
Absolute Maximum Ratings T_c = 25 °C unless otherwise specified

Symbol	Conditions	Values	Units
I^2t	Rating for fusing, t < 10 ms	110	A²s
I_{FRM}	Repetitive peak forward current > 15 Hz	30	A
I_{FSM}	Peak forward surge current, 50 Hz half sine-wave	150	A
t_{rr}	Reverse recovery time (I_F = A)	/	ns
I_{FAV}	Max. averaged fwd. current, R-load, T_A = 50 °C 1)	4	A
I_{FAV}	Max. averaged fwd. current, C-load, T_A = 50 °C 1)	3,3	A
I_{FAV}	Max. current with cooling fin, R-load, T_C = 100 °C 2)	5,8	A
I_{FAV}	Max. current with cooling fin, C-load, T_C = 100 °C 2)	5,0	A
R_{thA}	Thermal resistance junction to ambient 1)	20	K/W
R_{thC}	Thermal resistance junction to case 1)		K/W
T_j	Operating junction temperature	- 50 ... + 150	°C
T_s	Storage temperature	- 50 ... + 150	°C

Characteristics T_c = 25 °C unless otherwise specified

Symbol	Conditions	Values	Units
V_F	Maximum forward. voltage, T_j = 25 °C, I_F = 5 A	1,1	V
I_R	Maximum leakage current, T_j = 25 °C, V_R = V_{RRM}	10	µA
C_J	Typical junction capacitance per leg at V, MHz		pF

Dimensions in mm



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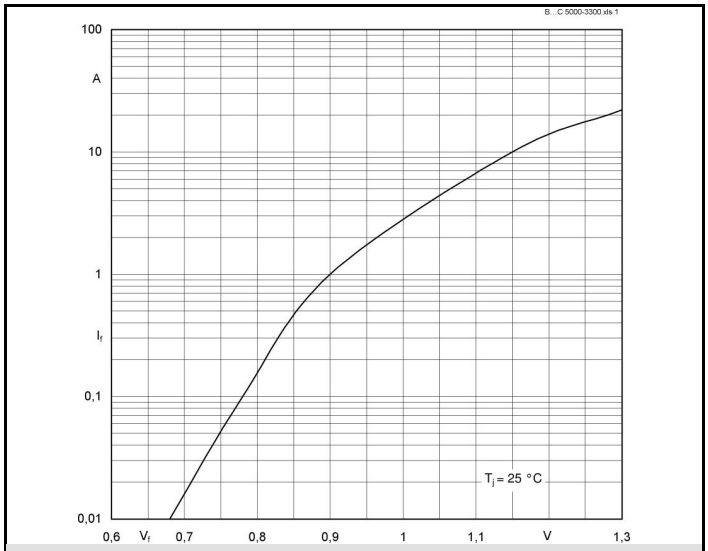

Fig. 1 : Forward characteristics (typical values)

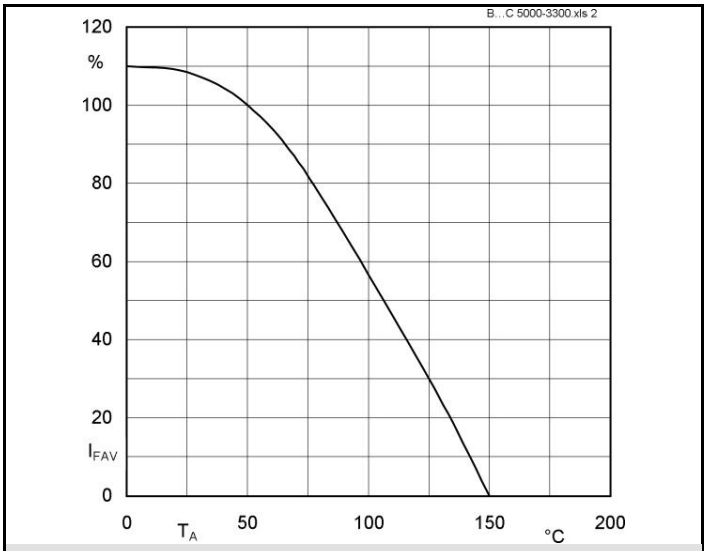

Fig. 2 : Rated forward current vs. ambient temperature

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